

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q83961

Etienne DUNAS, et al.

Appln. No.: 10/510,685

Group Art Unit: 2617

Confirmation No.: 4008

Examiner: Huy C. Ho

Filed: February 16, 2005

For: SYSTEM AND METHOD FOR REAL-TIME INTERCONNECTION OF ELEMENTS  
OF A WIDE AREA MONITORING, MEASUREMENT OR DATA COLLECTION  
SYSTEM THROUGH A DIRECT DIGITAL SATELLITE BROADCASTING  
MULTIPLEXING SYSTEM

**RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF**

**UNDER 37 C.F.R. § 41.37**

**MAIL STOP APPEAL BRIEF - PATENTS**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Notification of Non-Compliant Appeal Brief mailed November 18, 2010, Appellant submits the attached revised Summary of Claimed Subject Matter section of the Appeal Brief. As stated in the Notification of Non-Compliant Appeal Brief, a brief is not required, just the heading and the correction are needed.

Accordingly, the attached Summary of Claimed Subject Matter section includes an indication of the claim to which the Specification is being mapped. For example, the summary of claim 1 now recites, "A satellite-based monitoring, measurement or data collection system, (See e.g. Claim 1; Specification as filed, page 4 lines 24-29) ..." (emphasis added). Similar recitations are included for the additional claims mapped to the Specification, including dependent claim 14.

Claims 1-25 are the subject of this Appeal.

Applicant respectfully submits that this Response adequately addresses the issues raised in the Notification of Non-Compliant Appeal Brief.

Respectfully submitted,

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Date: December 10, 2010

**V. SUMMARY OF THE CLAIMED SUBJECT MATTER**

An exemplary embodiment is directed to:

A satellite-based monitoring, measurement or data collection system, (*See e.g.* Claim 1; Specification as filed, page 4 lines 24-29), comprising

a monitoring, measurement or data collection system having a plurality of monitoring stations for remote monitoring, measurement or data collection and for providing data, to respective computation centers, (Specification as filed, page 4, lines 24-29), and;

a satellite system using at least one satellite having an on-board processor for multiplexing up-link data received and broadcasting said multiplexed data in a down-link transmission, (Specification as filed, page 4, lines 30-32);

wherein:

said up-link data received by said satellite comprises a digital channel corresponding to a respective one of said computation centers, (Specification as filed, page 10, lines 9-13);

said respective computation center is connected to a down-link adapter connected to a receiver or group of receivers, (Specification as filed, page 4, line 33-35); and  
said down-link adapter is adapted for extracting, from said down-link transmission, said digital channel corresponding only to the said respective computation center, (Specification as filed, page 10, lines 6-8).

Another exemplary embodiment is directed to

A down-link adapter for extracting at least one channel from a down-link transmission as recited in the first exemplary embodiment. (*See e.g.* Claim 8; Specification as filed, page 5, lines 10-12; FIG. 3).

Yet another exemplary embodiment is directed to

An up-link adapter for converting signals received from a monitoring station of a monitoring, measurement or data collection system, into signals suitable for digital up-link transmission recited in the first exemplary embodiment. (*See e.g.* Claim 11; Specification as filed, page 5, lines 17-19; FIG. 4).

Another exemplary embodiment is directed to

A method for interconnecting elements of a monitoring, measurement or data collection using a satellite system, (*See e.g.* Claim 14; Specification as filed, page 4, lines 24-29), comprising:

remote monitoring, measurement or data collection by means of a plurality of monitoring stations and providing data to respective computation centers, (Specification as filed, page 4, lines 24-29), and;

at least one satellite of said system multiplexing up-link data by means of an on-board processor and broadcasting said multiplexed data in down-link transmission, (Specification as filed, page 4, lines 30-32);

transmitting a digital channel in said up-link data to said satellite, said channel corresponding to a respective computation center, said computation center being connected to a down-link adapter connected to a satellite receiver or a group of satellite receivers, (Specification as filed, page 8, lines 25-32); and

extracting from said down-link transmission, by said down-link adapter, only said digital channel corresponding to the respective computation center, (Specification as filed, page 10, lines 6-8).